

FIG. 1

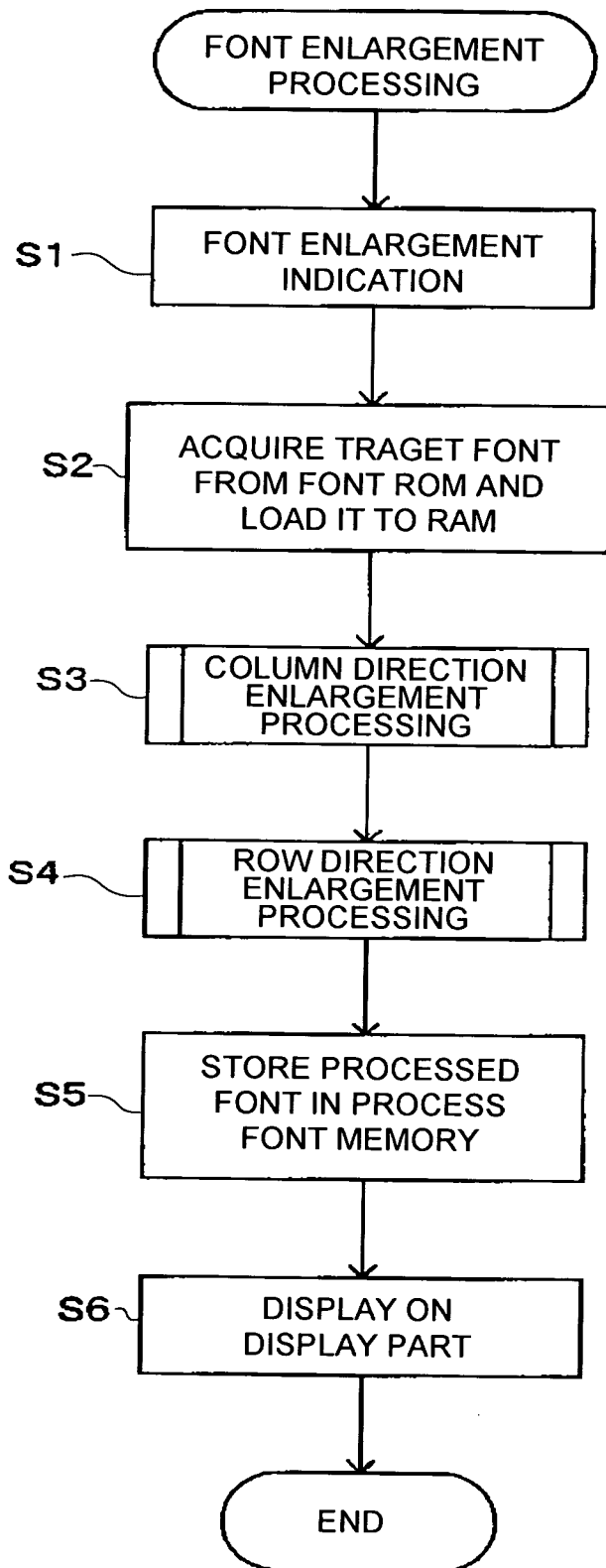


FIG. 2

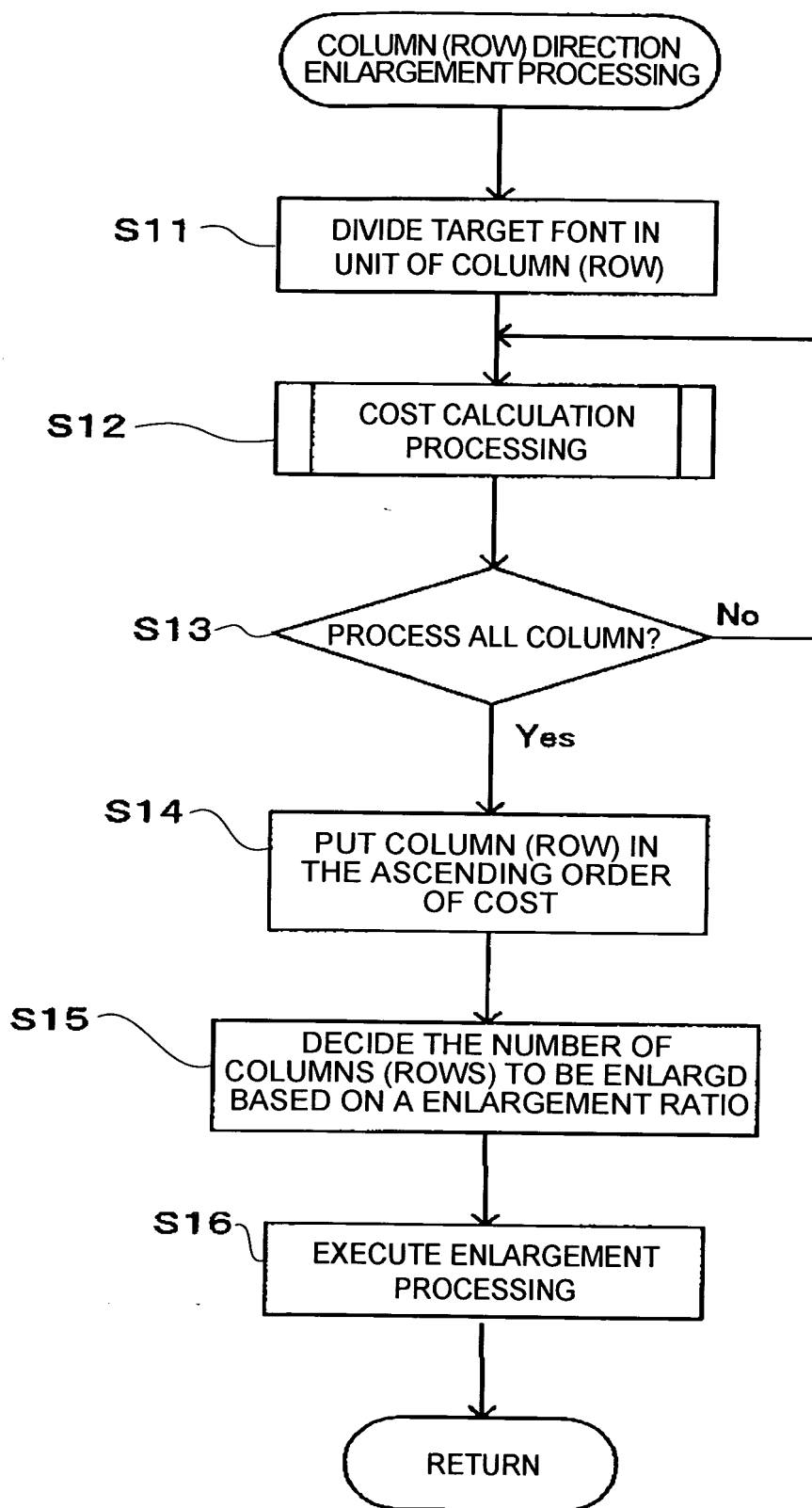


FIG. 3

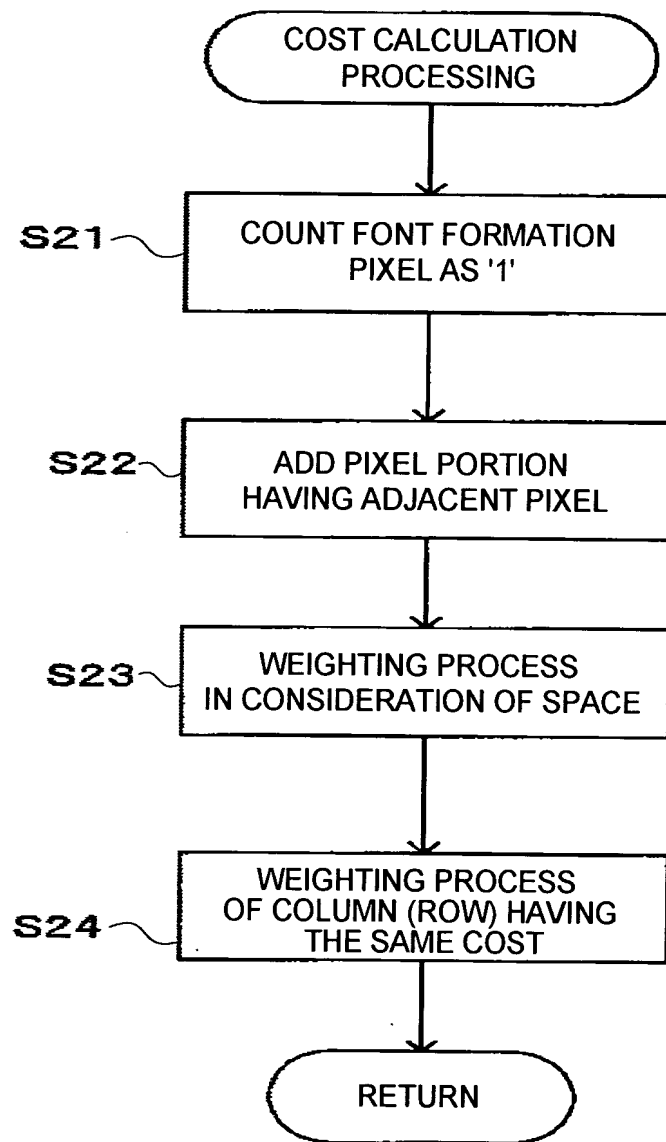


FIG. 4

S21: COUNT FONT FORMATION PIXEL (■)

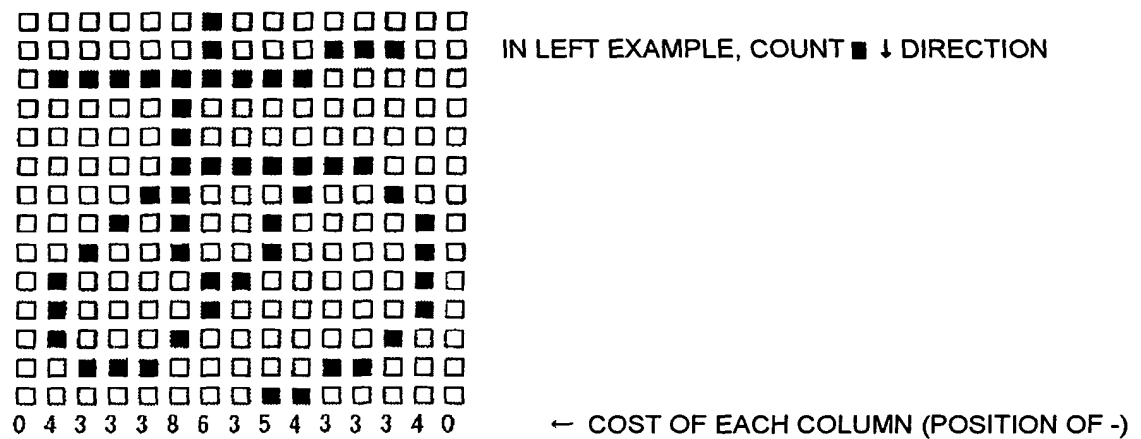


FIG. 5A

S22: ADD ADJACENT PIXEL PORTION (ADD +2 TO CONTINUOUS ■)

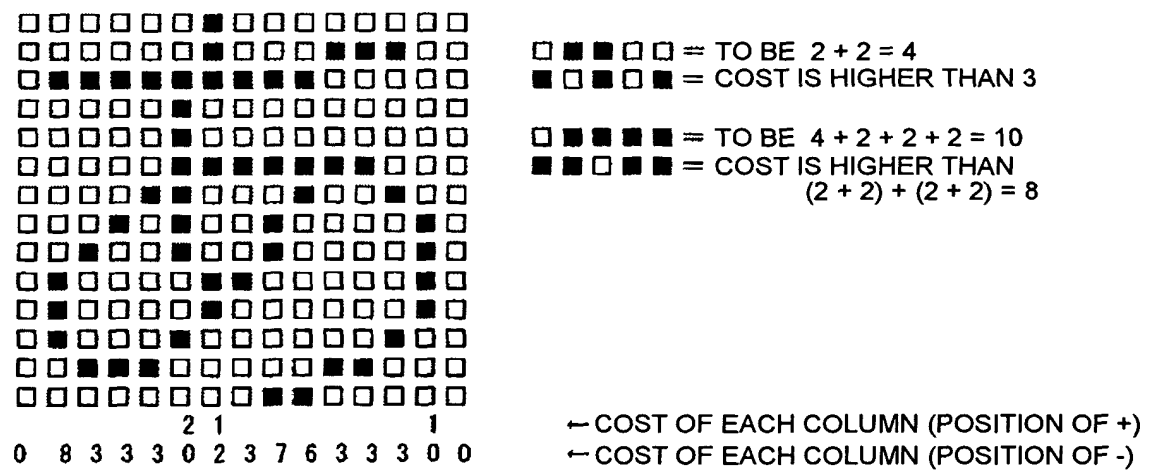


FIG. 5B

S 2 3 : WEIGHTING PROCESS IN CONSIDERATION OF SPACE
 IF BOTH ENDS AND 1 PIXEL INNER PORTION ARE SPACE (■ IS 0),
 ADD +2, +1, RESPECTIVELY

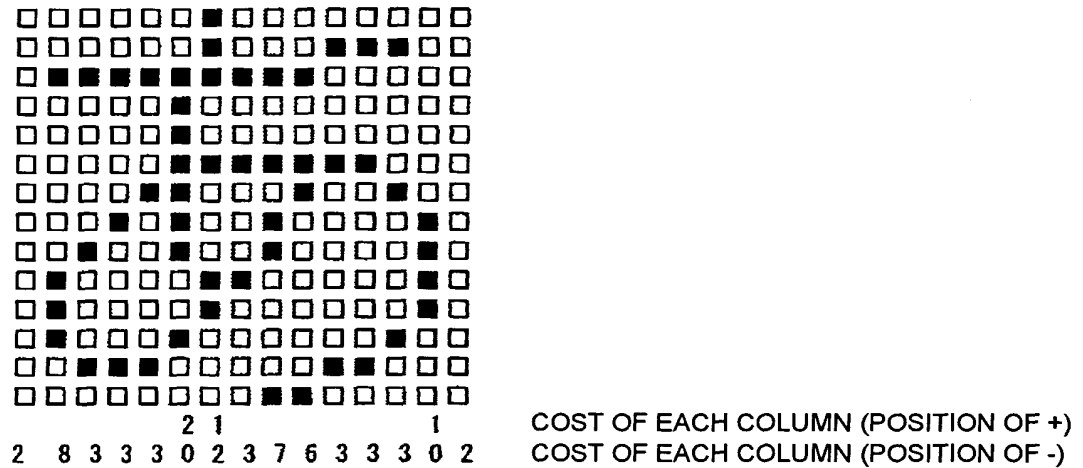


FIG. 6A

S 2 4 : WEIGHTING PROCESS OF COLUMN (ROW) HAVING THE SAME COST
 IF THE PATTERN IS EQUAL TO RIGHT ROW, ADD +2

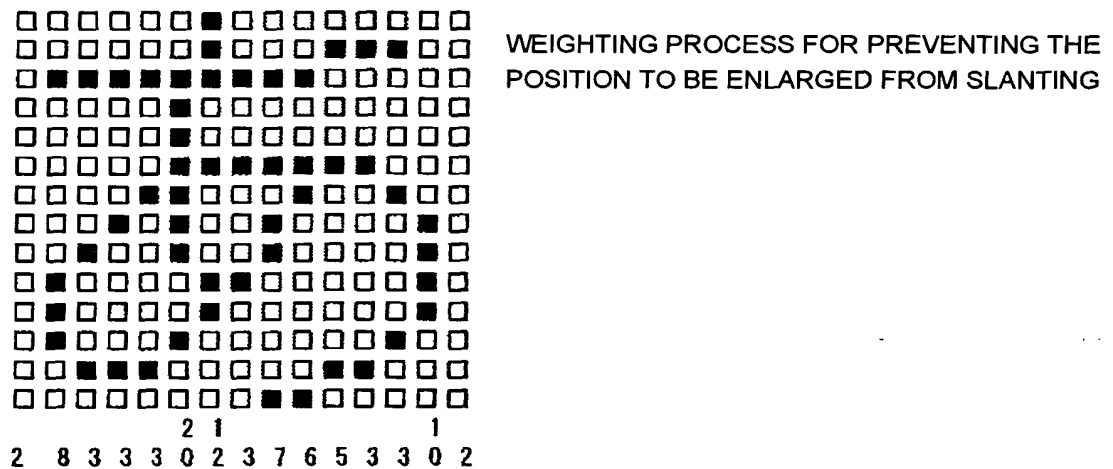


FIG. 6B

S14: PUT ORDER FROM CENTER OF CHARACTER TO EDGE IN THE ASCENDING ORDER OF COST

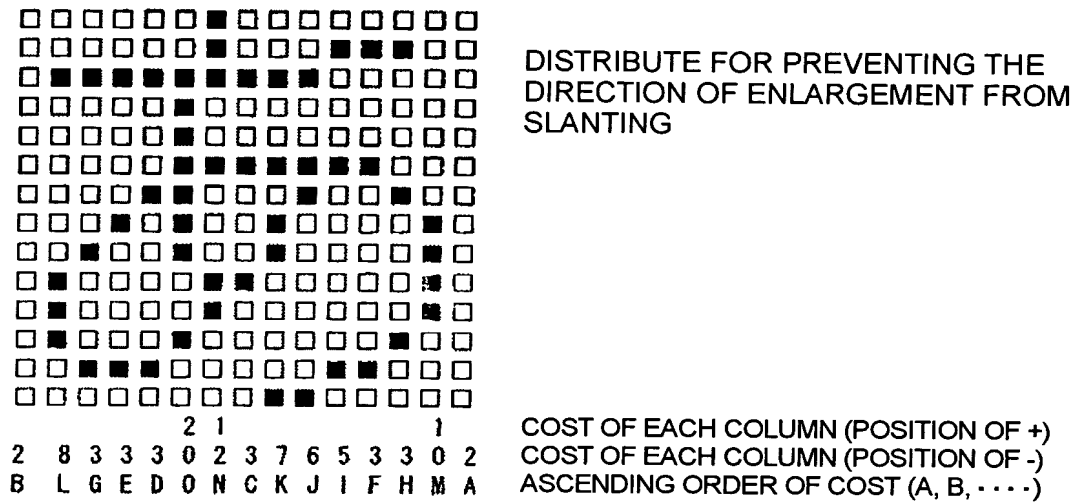


FIG. 7A

S16: ENLARGEMENT PROCESSING

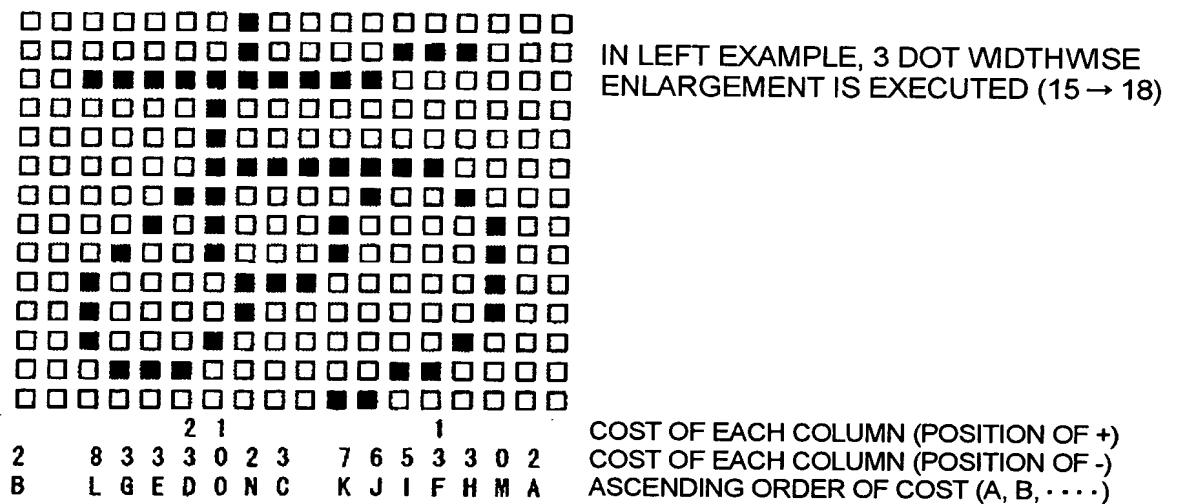


FIG. 7B

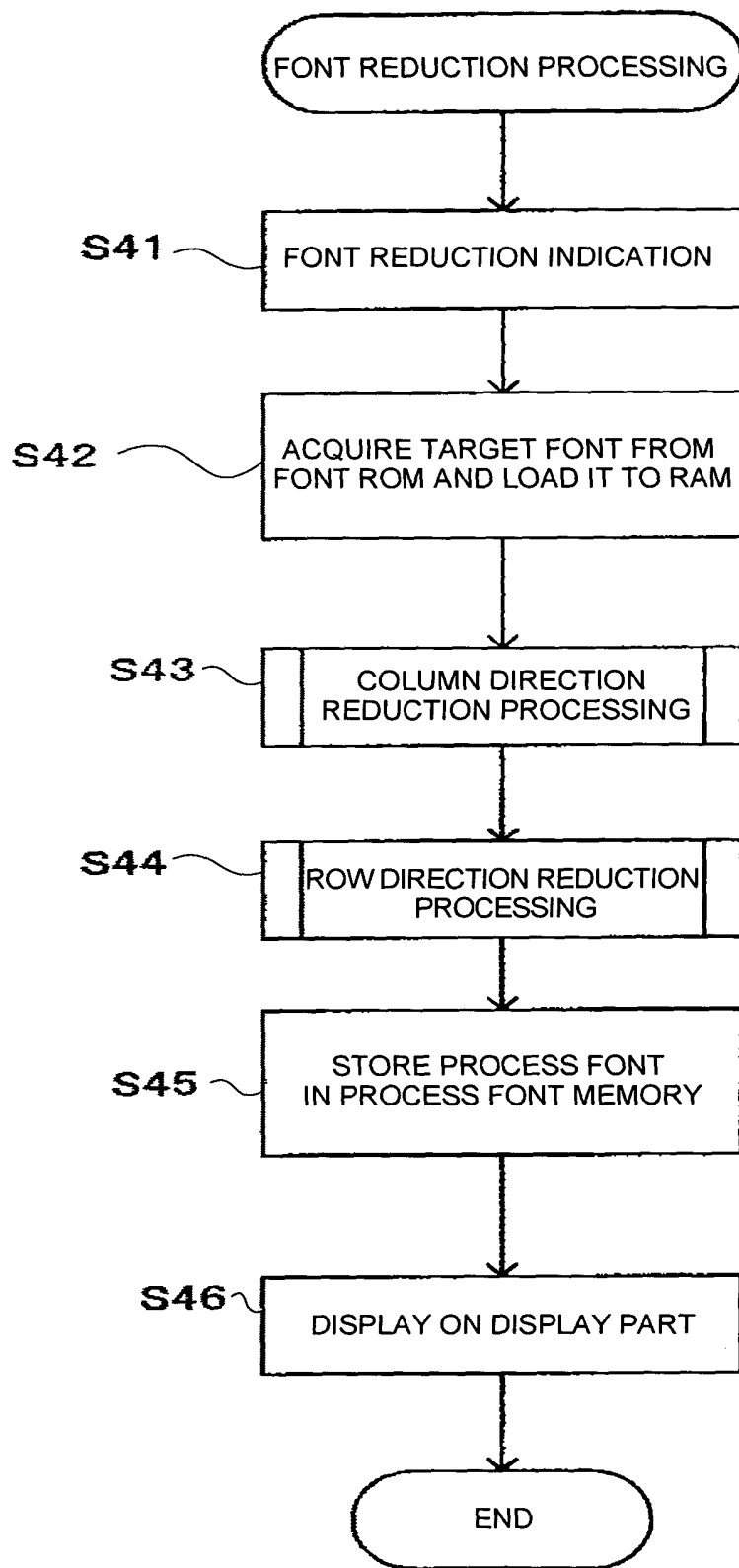


FIG. 8

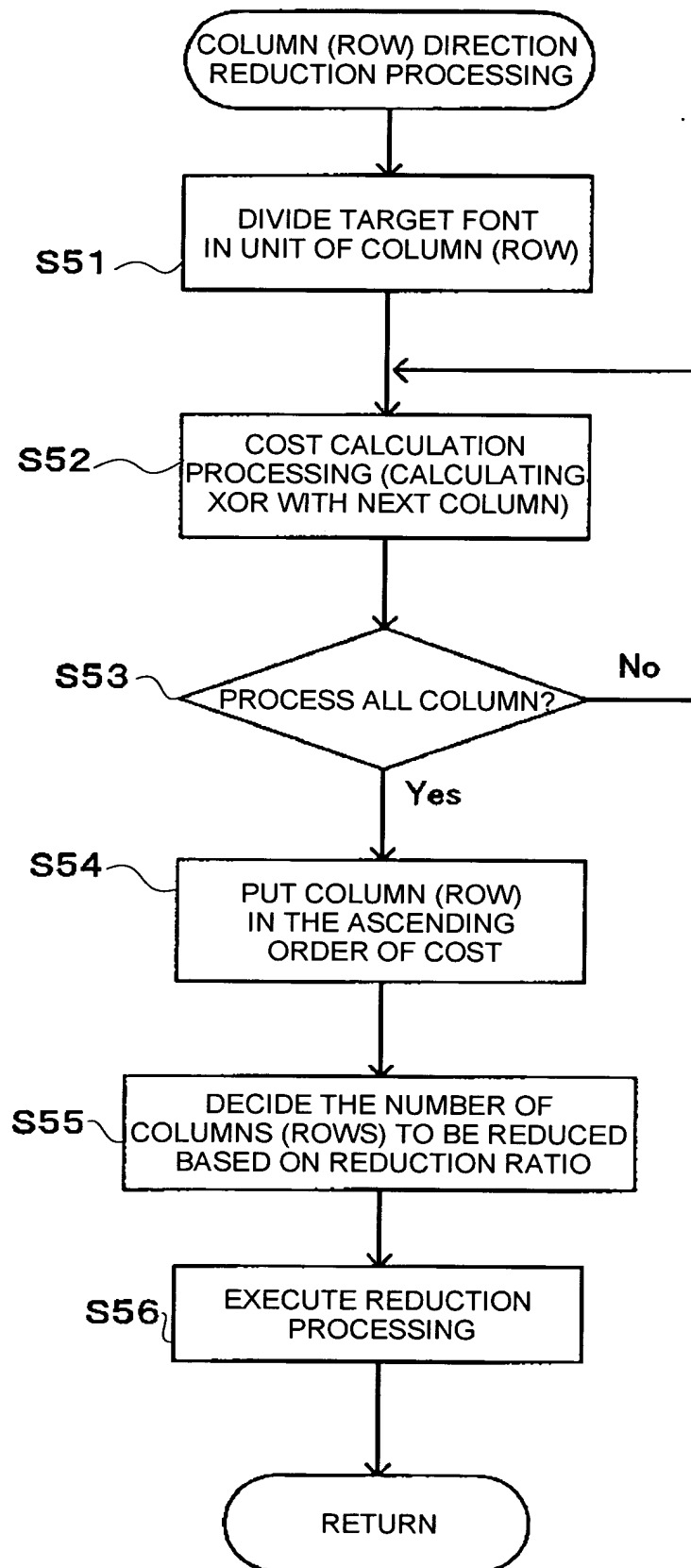


FIG. 9

S52: CALCULATING XOR WITH ADJACENT ROW, COUNT THE NUMBER WHEN XOR IS 1

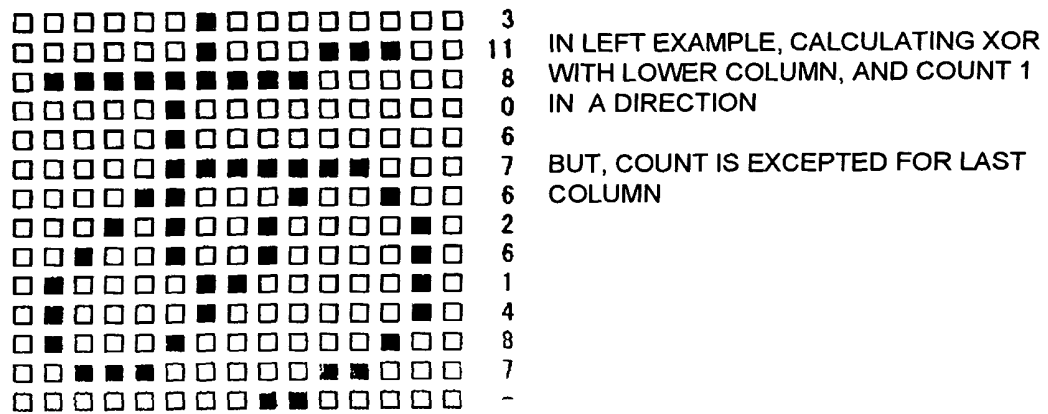


FIG. 10A

S54: PUT FROM CENTER OF CHARACTER TO EDGE IN THE ASCENDING ORDER OF COST

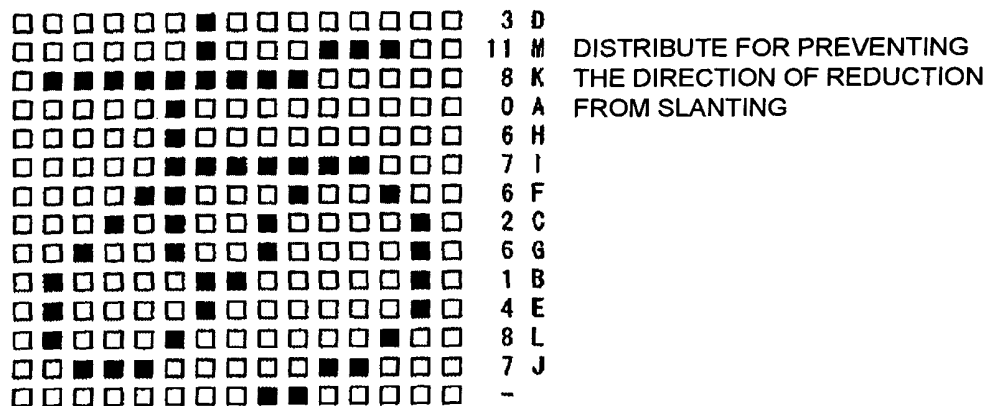


FIG. 10B

S56: REDUCTION PROCESSING

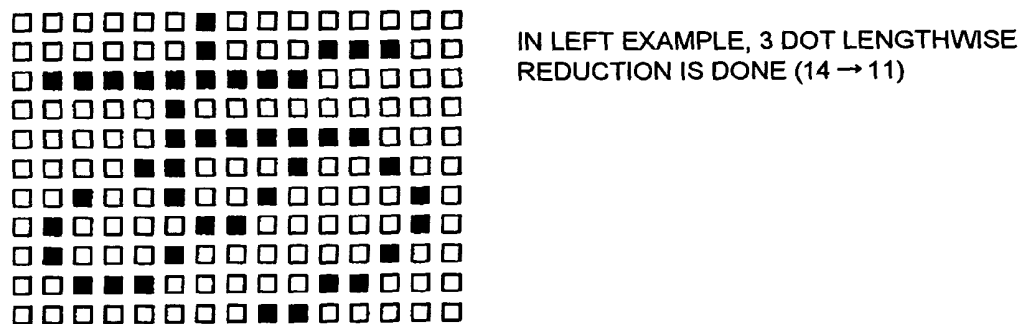


FIG. 10C

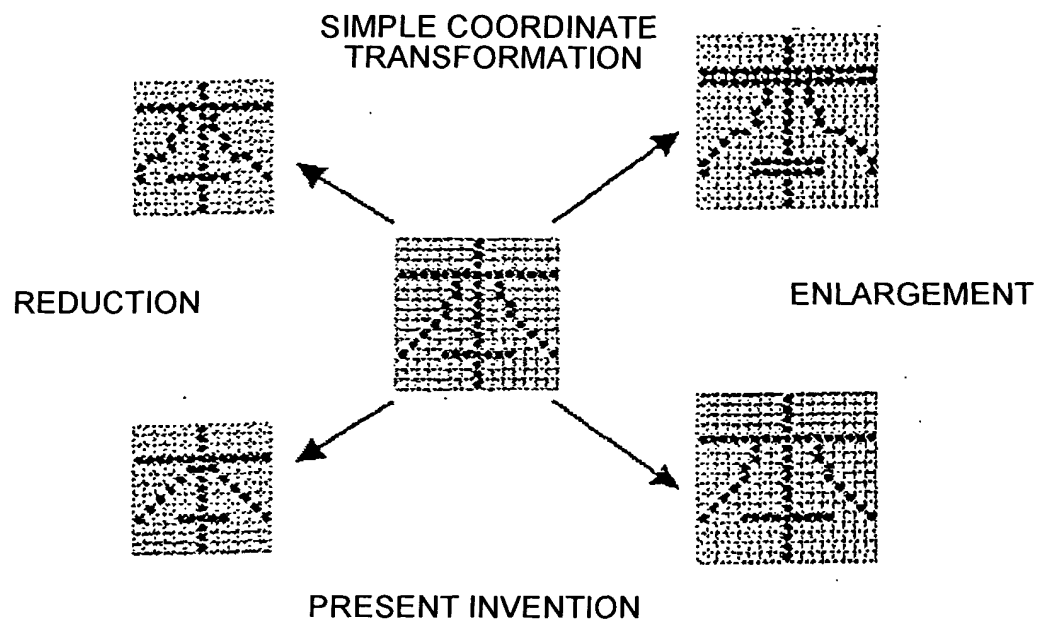


FIG. 11A

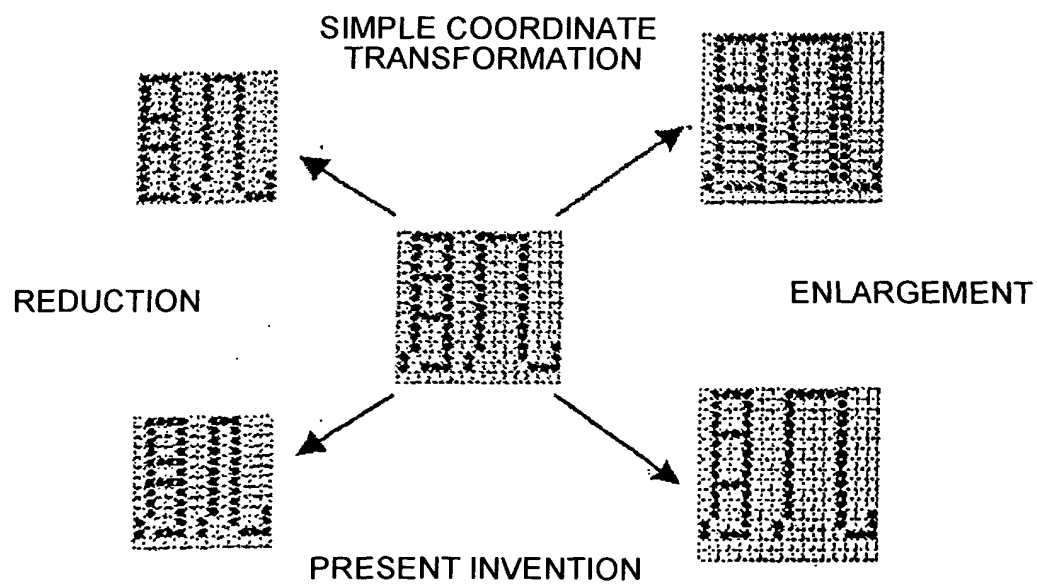


FIG. 11B

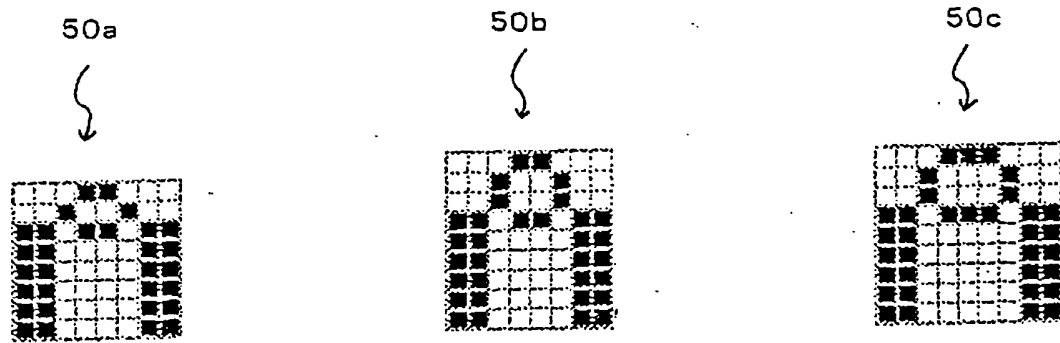


FIG. 12A

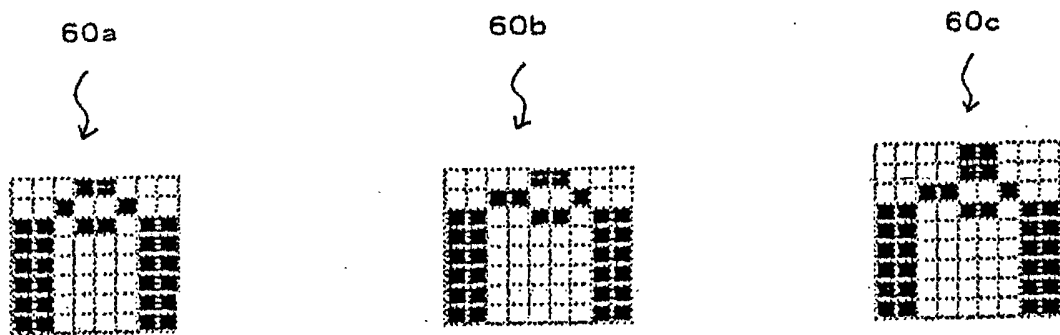


FIG. 12B

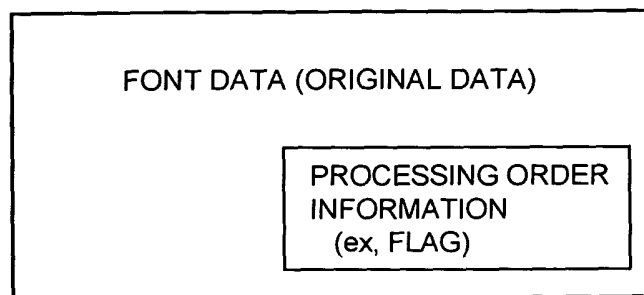


FIG. 12C

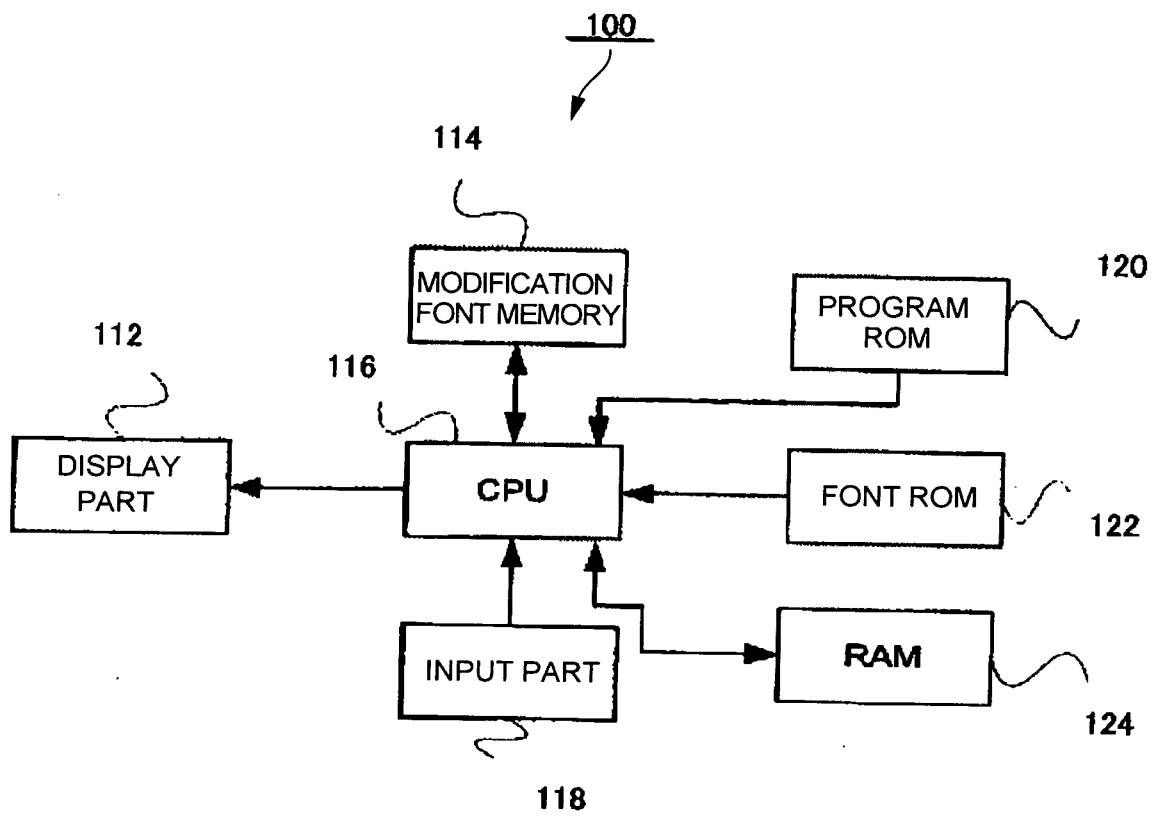


FIG. 13

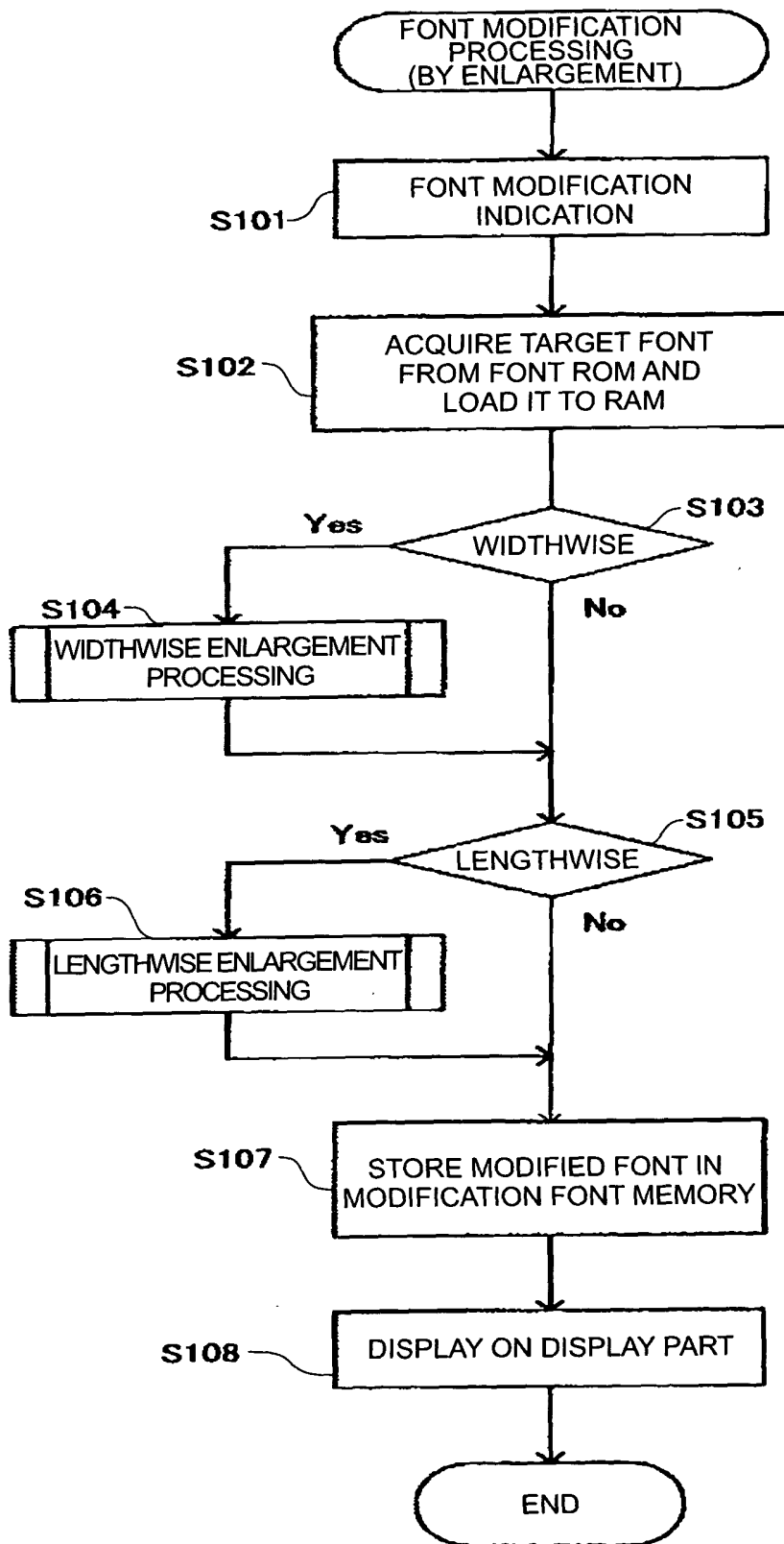


FIG. 14

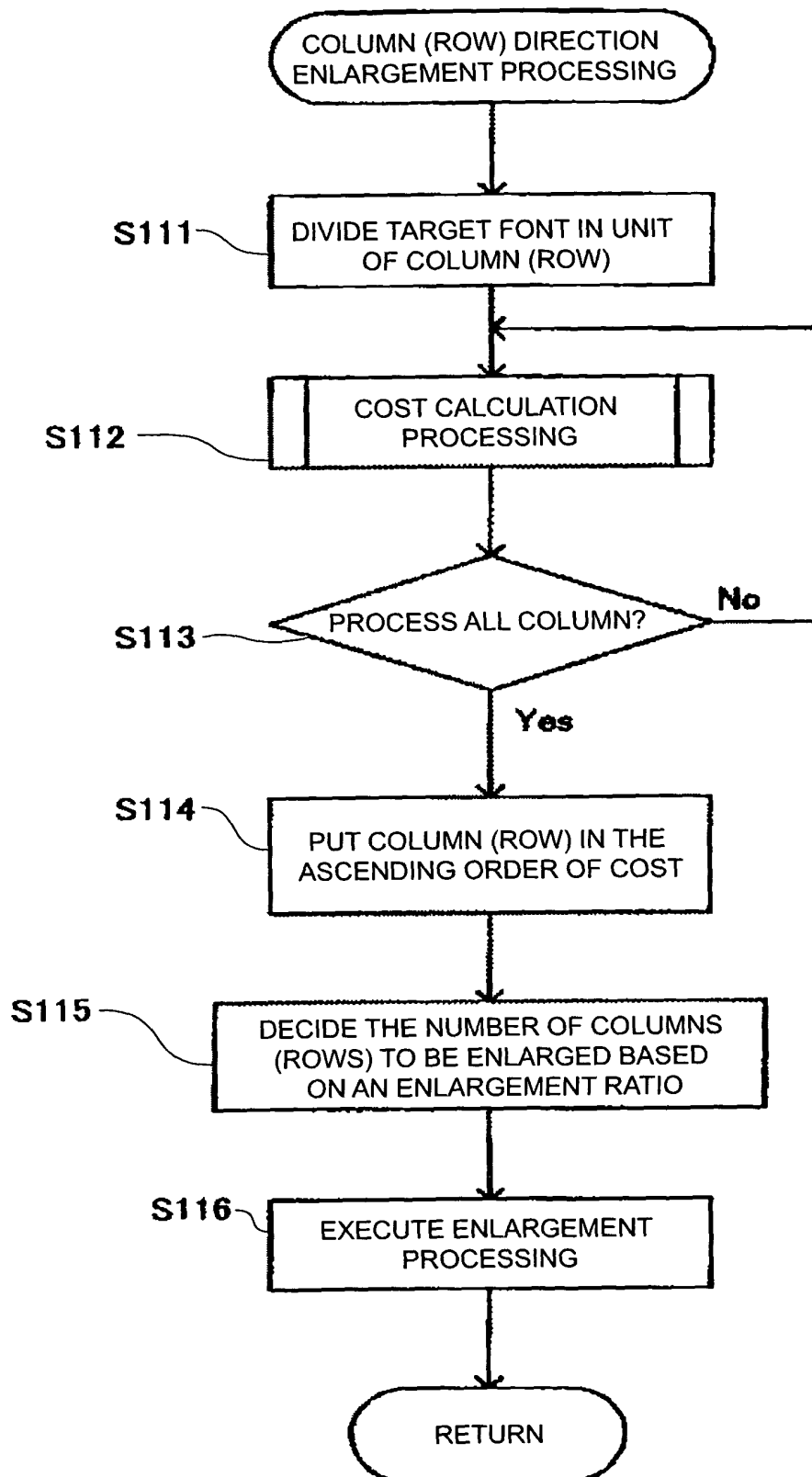


FIG. 15

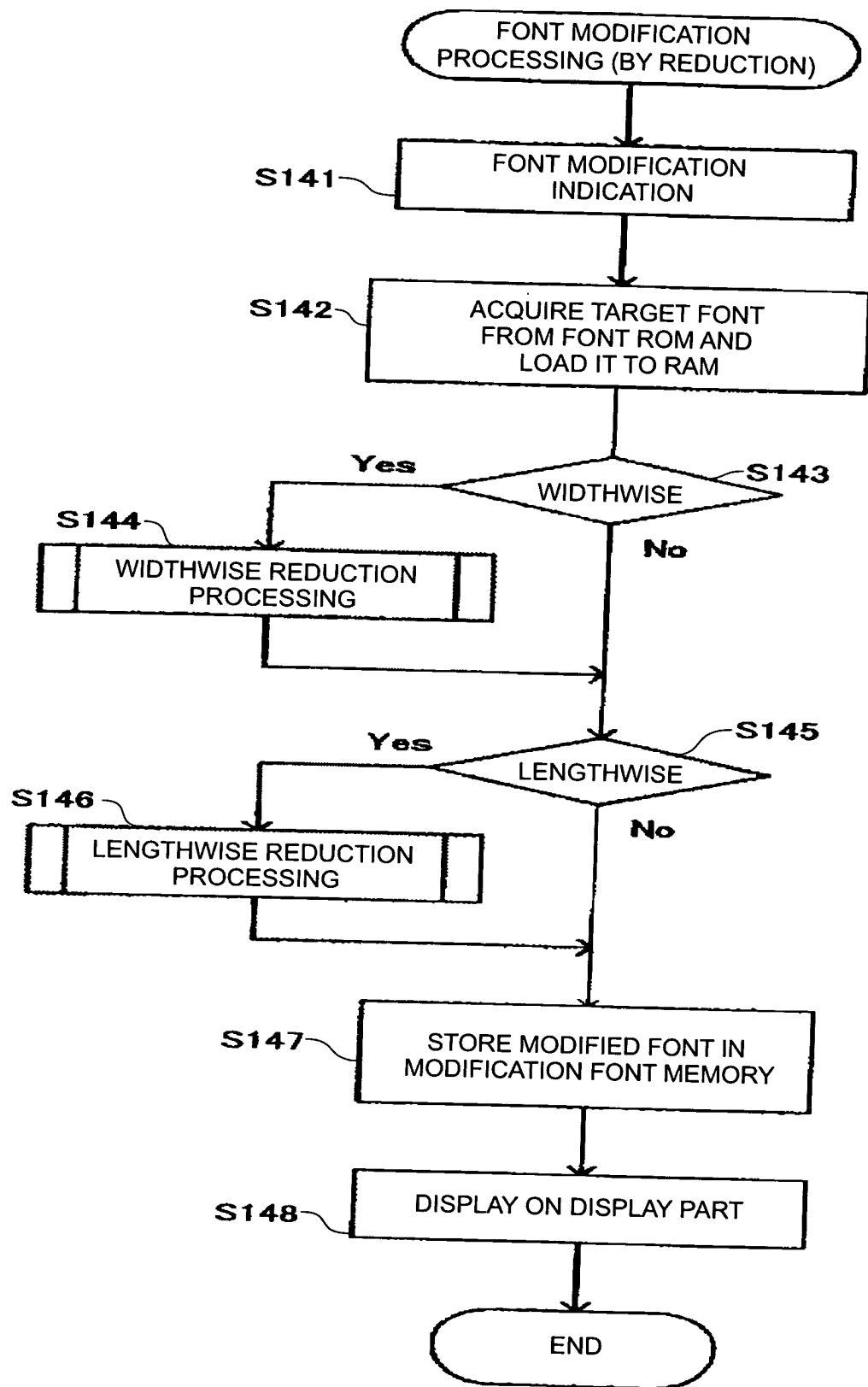


FIG. 16

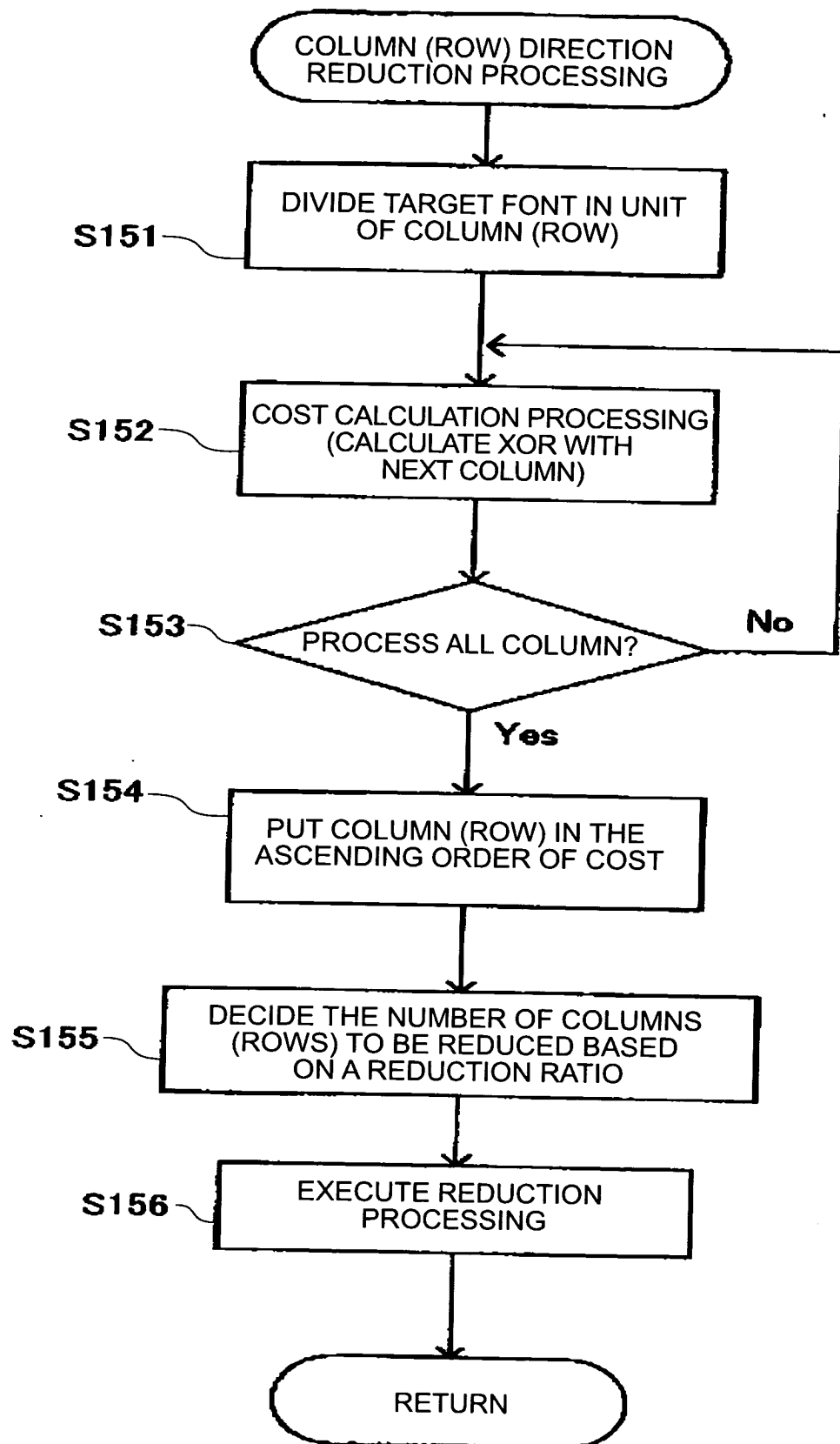


FIG. 17